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*How to paint concrete and
masonry surfaces*



MEDUSA PORTLAND CEMENT PAINT



HOW TO PAINT CONCRETE AND MASONRY SURFACES



HIS book has been prepared to show how masonry and concrete surfaces, whether exterior or interior, damp or dry, can be successfully painted in white or colors, giving a hard cement-like finish that is permanent, decorative, damp-proof, washable and free from the deteriorating chemical action of lime and alkalies and moisture. The paint that gives these advantages is

MEDUSA PORTLAND CEMENT PAINT

One of the 8 Medusa Products manufactured by

MEDUSA PORTLAND CEMENT COMPANY

1002 Engineers Bldg.

Cleveland, Ohio

[Manufacturers of Medusa Gray Portland Cement (Plain and Waterproofed); Medusa Waterproofing (Powder or Paste); Medusa White Portland Cement (Plain and Waterproofed); Medusa Portland Cement Paint and Medusa-Mix, the Masonry Cement.]

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WHY

Masonry and Concrete Construction Needs the Protection of Paint

Exposure

Rain, wind, frost and extremes in temperature are natural enemies of concrete and masonry surfaces. No matter how carefully a wall is built, unless the mortar joints and the brick, tile or concrete surfaces are protected by a permanent, damp-proof covering, water—the greatest enemy to all construction—is sure to creep into any tiny crack or be absorbed into the surface through capillary attraction. This water freezes and it does not take long before the tiny crack widens to such an extent as to disfigure the wall and cause permanent damage.

Deterioration

The illustration at the right shows what happens when water enters cracks in the mortar joints



A deteriorated mortar joint in masonry wall

of a wall and freezes. When any confined water freezes, it exerts a terrific pressure. In the case of cracks in masonry this force breaks off the sides of the cracks. The first sign of such deterioration is the time to adopt preventative measures, or before long the entire wall is weakened. Water also when absorbed into a surface dissolves soluble matter which is left as stain when the water evaporates.

Dampness

It is very common for moisture to creep in through porous walls and especially through mortar joints, making inside walls damp. This is particularly true of walls below grade, as in basements. Such a condition not only creates an uninhabitable part of the building, but frequently ruins anything subject to dampness that is stored in the inside room. When such dampness occurs, efflorescence or deposits of white dusty alkalis are generally found on the inside wall.



A damp unsightly basement

For Concrete and Masonry—Interior or Exterior

WHY MEDUSA is more suitable for concrete

How to Avoid Deterioration

The conditions described on the preceding page demand a wall covering that will permanently protect not only concrete or the brick or tile, but also the joints in the masonry wall, from the entrance of moisture in tiny cracks and crevices that are sure to be present sooner or later in all walls. The elimination of moisture by a permanent protective covering solves the problem of wall deterioration and at the same time eliminates dampness on interior surfaces.

Dampness and Efflorescence

A paint, to be suitable for painting exterior masonry and concrete walls, must be capable of application to damp surfaces since so many walls, especially those undergrade, are already damp and do not dry out thoroughly. Almost every damp wall has a white efflorescence, which in turn has a chemical action on paints, causing them to spawl or peel off in flakes, or in some cases to dust off. Once this peeling or dusting starts, the protection to the wall is gone. Medusa Portland Cement Paint prevents the absorption of moisture which is the creative factor of efflorescence. Furthermore, it is permanent and in being permanent, the finish is washable.

What to Use

Medusa Portland Cement Paint answers the above requirements for a successful covering for masonry and concrete surfaces. This paint has a Portland cement base. When applied to a wall, it forms a permanent bond—that is, it enters the surface penetrating the tiniest pore and keying the finish to the wall, making a hard cement surface that's really a permanent part of the wall.

Application

In application Medusa Portland Cement Paint is mixed with water. This is why it can be used on a wet or a dry surface. It has in it certain damp-proofing qualities that in exterior walls prevent moisture from entering at any point where it has been applied. On interior walls such as in basements it forms a damp-proof coat, keeping the wall perfectly dry. Whether used inside or out, it forms protection against the most destructive element to a masonry or concrete surface—namely water. With water permanently excluded, deterioration is automatically stopped and there is no possibility of walls becoming stained from dissolving of soluble matter which is deposited when the water evaporates.

When properly applied, Medusa Portland Cement Paint is unaffected by the chemical action of lime or alkalis. This means that the paint will not peel, scale, chip or dust off.

Surfaces

In applying Medusa Paint it must be remembered that it is designed exclusively for concrete, brick, tile or stone surfaces, except floors. It will not adhere to wood, metal or vitreous surfaces. It cannot be used on glazed surface tile.

Beautiful Effect

Medusa Paint lends itself to almost any decorative treatment that the architect, builder or home owner wants. Frequently it is desirable to use these colors in combination in a decorative scheme. It comes in white and six colors: blue, green, cream, stone gray, pearl gray and red. The colors used are lime and alkali proof.

For Concrete and Masonry—Interior or Exterior

PORTLAND CEMENT PAINT and masonry surfaces



Cost

Medusa Portland Cement Paint is decidedly the most economical and satisfactory masonry or concrete wall covering. The first cost of this paint is decidedly lower than other types of wall coverings. It has a covering capacity that is much greater. In application it is mixed with water and can be applied with a Dutch brush or sprayer, hand or power operated. And finally, its economy is especially pronounced in its permanence.

Many Uses

Specifications for ordinary paints do not permit, under any circumstances, the application of the paint unless the concrete or masonry surface is perfectly dry and if the surface is dry, it must be treated with expensive neutralizing agents to counteract the chemical reaction of the lime and alkalis.

It is extremely difficult to determine just when a concrete or masonry surface is dry or if it

is dry, how long it will remain so—therefore it is of particular importance that a paint be used on concrete and masonry surfaces which is of such a nature that it would be unaffected by the presence of moisture or the chemical reactions encountered.

Medusa Portland Cement Paint has a Portland Cement base and being manufactured of the same basic materials, it makes a natural and permanent bonding without the use of expensive neutralizing operations and makes it possible to give exposed concrete and masonry surfaces a damp-proof as well as a permanent, decorative coating at very little cost.

Medusa Cement Paint can be applied to wet surfaces. In fact it is always an advantage if the surface is not already damp that it be dampened before application of the paint. This uniformes the suction and prevents rapid drying out of the paint, giving a hard, cement-like finish that is very desirable. Because of the consistency recommended, it flows freely and quickly into the cracks and crevices of rough masonry, sealing them.

There are an untold number of uses for Medusa Portland Cement Paint. A conception of the uses can only be gained by thinking in terms of the thousands of uses of brick, stone, tile, and concrete, for this paint has an application wherever these materials are used.

On the following pages there appear general classifications of uses and a few specific applications under each class. If the use in which you are interested does not appear under any classification, write and tell us about your requirements. Our technical department will be glad to advise you and work with you in the solution of your particular problem.

For Concrete and Masonry—Interior or Exterior

MEDUSA PAINT has many uses



*A Monolith Concrete Building
in Process of being Painted.*

Where to Apply

Construction as well as maintenance engineers of manufacturing plants and public buildings have found in Medusa Portland Cement Paint tremendous possibilities for producing satisfactory, economical and permanent wall protection both inside or outside.

This cement paint has been successfully applied to hundreds of concrete and masonry exteriors. In such use it has not only beautified the buildings but has stopped mortar joints from crumbling, thereby saving the cost of pointing up a wall, in addition providing protection against dampness.

Many engineers have used this paint for walls where ordinary coverings could not be used because the walls were damp. It has been particularly successful in warehouse use where thousands of dollars worth of merchandise must be kept dry. Electrical power equipment rooms where dry walls and ceilings are absolutely essential can be rendered damp-proof at a minimum of expense.

Where Light is Essential

The white Medusa painted wall has been used time and again for lighting up and damp-proofing underground tunnels, passage ways, boiler rooms, etc. This paint is also widely used in factories where light is essential.

Cost

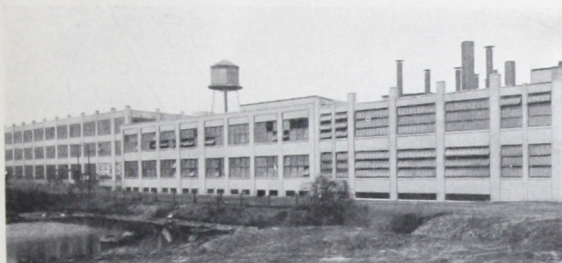
Industrial maintenance painting of today seeks the greatest possible protection and permanency at the lowest possible cost. In these respects Medusa Portland Cement Paint has proved its worth. Because this paint can be used on wet or dry concrete or masonry surfaces, makes a permanent bond, is washable and decorative and because its first cost and application are very economical, many industrial concerns have standardized on Medusa Paint for all concrete and masonry surfaces as a maintenance paint and for new construction. On new industrial work it can be used before the walls dry out, thereby saving expensive delays and speeding up the finishing work.



A Real Landmark and Advertisement.

For Concrete and Masonry—Interior or Exterior

in the INDUSTRIAL FIELD



Factory Exterior



Smokestacks



Storage Basements

Storage Rooms

"Water-Waste" costs many thousands of dollars per year. By "Water-Waste" we mean the condition caused through leaky warehouse walls, whether below or above grade, which are continually damp and cause a damp condition inside of the warehouse. This causes rust on the metal parts stored and seriously affects other merchandise.

The low cost of damp-proofing the interior and exterior of your storage basement or warehouse with Medusa Portland Cement Paint will be only a fraction of the cost of merchandise lost through "Water-Waste." In addition to insurance against deterioration from moisture, Medusa Cement Paint beautifies and enhances visibility.

Miscellaneous

In addition to the painting of concrete and unglazed masonry interior and exterior walls in the industrial field, Medusa Portland Cement Paint also has a wide range of miscellaneous uses. For example, it has been preeminently successful in the painting of smokestacks, water towers, storage bins and elevators, service stations and public garages.

Industrial and maintenance engineers who have concrete or masonry painting problems facing them are invited to put those problems up to our technical department.

Plant engineers of recognized firms who desire to try out Medusa Portland Cement Paint before starting an extensive painting project can secure a generous working sample by sending in a request on their company's stationery.

When you get this sample make a test on any convenient concrete or unglazed masonry wall. Before using read the directions as given on the can and follow them closely in applying the paint.

For Concrete and Masonry—Interior or Exterior

Thousands of pounds used for RAILROAD WORK train sheds, freight stations, warehouses, etc.



West 25th Street Subway Station, Cleveland Railway Company. Note uniform distribution of light.

Maintenance

Railroad maintenance engineers find that Medusa Portland Cement Paint prevents disintegration, beautifies and gives greater visibility to concrete train sheds, freight stations, warehouses, bridges, abutments, whistle posts, retaining walls,

etc. This paint is unaffected by exposure to the elements. It resists the chemical action of lime and alkalis, will not peel, scale or dust off, but remains as permanent protection against deterioration and water absorption.

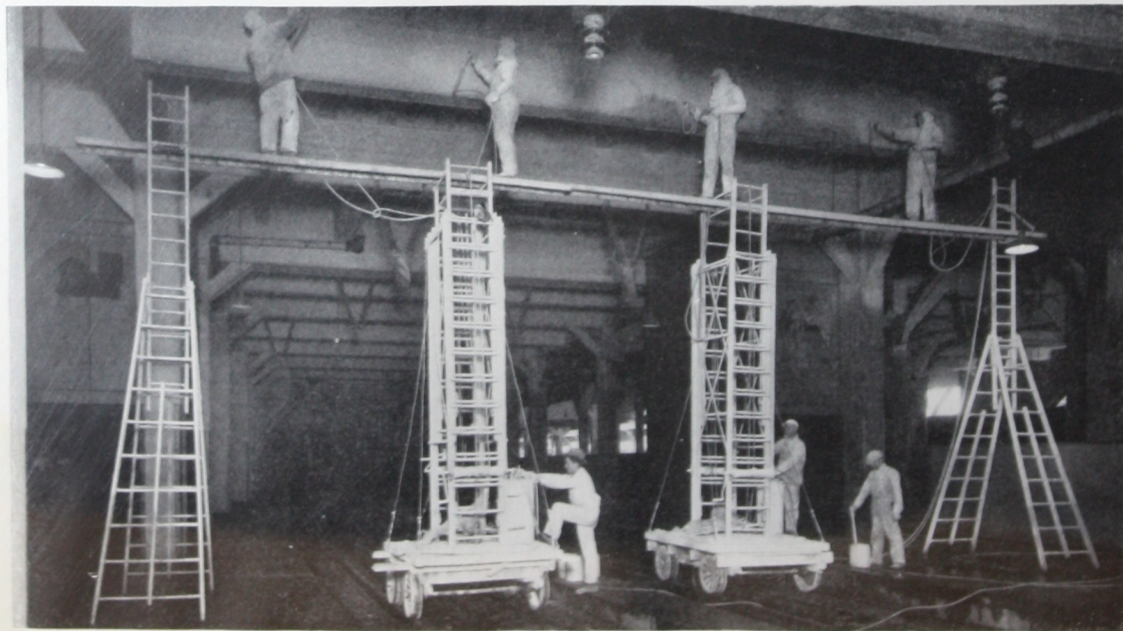
Damp-proofing

It is particularly advantageous in the painting of both inside and outside of warehouses where freight is stored, since its damp-proofing qualities make a dry warehouse.

Send for Test Sample

A generous testing sample will be sent to railroad engineering departments.

We will appreciate an invitation to advise you regarding this material for any specific job you may have in mind.



Applying Medusa Portland Cement Paint on the Train Sheds, Cleveland Union Terminal, Cleveland, Ohio.

For Concrete and Masonry—Interior or Exterior

Unsurpassed for painting SWIMMING POOLS



AN OUTDOOR POOL

Sanitation is an important factor in Swimming Pools—
a coating of Medusa Paint is easily cleaned.



AN INSIDE POOL

Use Medusa Portland Cement Paint for visibility and
to promote sanitation.



Pool at Cleveland Yacht Club. Treated with Medusa
Cement Paint.

Medusa Portland Cement Paint is unsurpassed for painting outside and inside swimming pools. It is economical and efficient. It gives a hard cement-like finish that is unaffected by lime and alkali chemical reaction encountered in the concrete or water. The finish does not require frequent renewal and is inexpensive in cost of material and cost of application.

New Pools

The best time to paint a pool is immediately after completion, while the concrete is still damp. In this use, directions given on another page should be followed closely.

Used Pools

Unpainted old pools may have water solubles adhering to the walls or floors. These surfaces should be washed down with a 10% solution of muriatic acid, which removes body oils and efflorescence, if present.

Previously Painted Pools

The old paint of previously painted pools must be removed either by scraping, muriatic acid wash, or burning off with a torch, or the surface treated with a solution of 1 lb. of raw caustic soda to 1 gallon of hot water. It is then ready to paint.

Medusa Paint is also widely used for showers, walks, light standards and other concrete and masonry construction adjacent to pools. Let us send you a list of representative pools that have been painted with Medusa Portland Cement Paint.

For Concrete and Masonry—Interior or Exterior

The use of MEDUSA PORTLAND

Medusa Portland Cement Paint can be used to an advantage in every home built, regardless of whether it is brick, stone, masonry or wood construction. It can be used to an advantage on both new and old construction.

The Basement

The most wide-spread home use of Medusa Paint is for painting basements. There is no reason why this important part of a home should be omitted when it comes to painting. Most painting contracts include outside walls and trim, inside trim, floors and possibly the entry way of the basement—but the basement is usually left unpainted.

The modern trend for livable basements is bringing a change in this old-fashioned idea of leaving the basement unpainted. The advent of oil and gas burners as well as other types of heating equipment makes for greater cleanliness in the heating of the home. The manufacturers of these heating systems are promoting the use of the basement for something else than a place to store fuel and rubbish. Architects and builders have taken up the idea of utilizing waste basement space by turning it into recreation rooms, dens, music rooms, etc. In order that these rooms may be practical, they must be clean, dry and well painted. In this connection Medusa Portland

Cement Paint has become essential as the best means of decorating the basement, not only recreation rooms, etc., but laundry and boiler rooms—in fact, the entire basement.

Medusa Portland Cement Paint transforms the dark, dirty, damp basement into a dry, clean, bright livable part of the house. The hard cement-like finish that this paint gives on concrete and unglazed masonry surfaces is a permanent bond that is damp-proof and decorative. Medusa Portland Cement Paint enables the basement to be finished in white, blue, green, cream, stone gray, pearl gray or red. This wide variety of colors enables any home owner or architect to secure any decorative effect that he desires. Quite frequently the basement is painted in white or pearl gray or cream to give the greatest possible amount of light, and a darker color is used on the first 6 or 8 inches of the wall above the floor, making a baseboard effect. This keeps the lighter wall from getting splashed or dirty when the floor is washed or scrubbed.

Finish can be Washed

One of the distinct advantages in the use of Medusa Paint in the basement is its permanence and the fact that dirt can easily be washed from the surface. This keeps your walls bright and clean and eliminates frequent renewal.



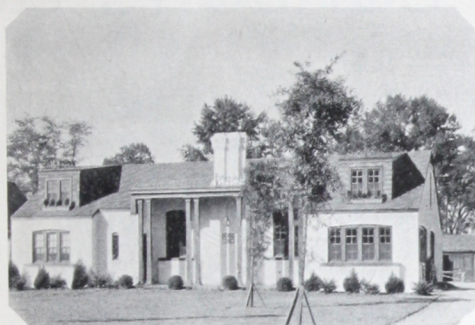
Mixing



Applying

For Concrete and Masonry—Interior or Exterior

CEMENT PAINT for homes



*A Common Brick Home Painted
with Medusa Cement Paint.*

Damp-proofs

Many basements have walls that are damp. Recreation rooms that are damp are unpleasant and unusable. The use of Medusa Paint will give a damp-proof coating to the wall and make the room perfectly dry.

Ordinary paints in a basement soon give way to the chemical action of lime and alkalies in the wall, causing the paint to scale, peel, chip or dust off. Medusa Portland Cement Paint, properly applied, is unaffected by this chemical action, hence a permanent finish is secured.

For Painting Brick Homes

The home owner who wants a painted brick home will find in Medusa Paint a permanent beauty that will make the home stand out as having a distinctive charm of its own. In addition to beautifying the home, the paint will protect the walls from disintegration due to water entering mortar joints, freezing and crumbling the mortar away. Medusa Portland Cement Paint is ideal for painting airways around basement windows, to give greater light to the basement. It is also frequently used for painting outside of foundations above grade whether they are of concrete, brick or tile. In these cases the home owner will find the paint standing up for an infinitely greater length of time than ordinary paints.

To give weather-beaten effects to a home, we would suggest that the common brick surface be first given two good coats of Medusa Portland Cement Paint. This will act as a permanent coating to prevent the absorption of moisture and protect the surface. The Medusa Portland Cement Painted surface can then be covered with as many coats of white-wash as desired. The white-wash will have a tendency to crack, blister and peel, giving a weather-beaten effect which has become very popular.

Unless the brick surface has been given two coats of Medusa Cement Paint, there is a possibility of dampness entering the brick wall, either through the brick or mortar joints and causing a damp, unsatisfactory condition.

Miscellaneous Uses

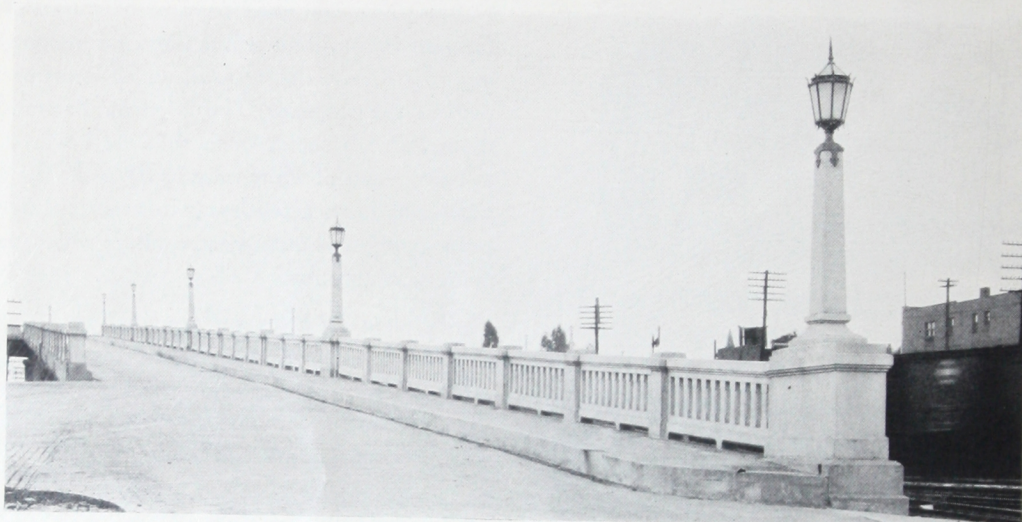
In addition to the above uses of Medusa Portland Cement Paint around the home, there are many other minor uses. For example, because of its permanence it is ideal for painting chimneys. There is nothing better for renewing the appearance of garden furniture, trim stone, stucco panels and stucco houses. The use of Medusa Portland Cement Paint around the home is only limited by the amount of masonry or concrete construction. It can be applied on exteriors or interiors with equally good results.



A Stucco Home

For Concrete and Masonry—Interior or Exterior

MEDUSA paint widely used for~ BRIDGES, CULVERTS, CONDUITS, etc.



Bridge Railings should be Painted for Visibility and Appearance

Paint for Visibility

Highway engineers and public officials recognize in Medusa Portland Cement Paint an ideal protection and a means of gaining permanent beauty and assuring visibility for bridges, culverts, conduits, light standards and other forms of concrete and masonry public work. It forms

a permanent bond with the wall, keeping out all moisture and affording ample protection against disintegration and staining. It is much less expensive to guard against deterioration through the use of Medusa Paint than to repair or rebuild.

A sample will be sent to public officials.



For Concrete and Masonry~Interior or Exterior

Nothing better for concrete or masonry SILOS, BINS and ELEVATORS



Sanitary Milk House

Medusa Portland Cement Paint plays a leading role in the protection from moisture of grains, ensilage and other commodities that are stored in silos, bins, or elevators of concrete or masonry construction.

In the above use this paint forms a highly protective coating for the wall, eliminating any possible chance for water to enter and freeze causing disintegration or for moisture to be absorbed through the wall. By keeping such structures painted both inside and out with Medusa Paint, they will be given a permanence not attained in any other way.

Grain Elevators painted with Medusa Portland Cement Paint stand out as the distinctive



Grain Elevators



Farm Silo

landmarks in their community. The surface is protected against the destructive action of the elements.

The advertising value of a Medusa Cement Painted Grain Elevator is much greater than the cost of the paint, in addition to eliminating expensive maintenance, later.

Medusa Cement Paint flows freely from the brush and permits the painter to cover even rough masonry surfaces rapidly and fill all the cracks and crevices.

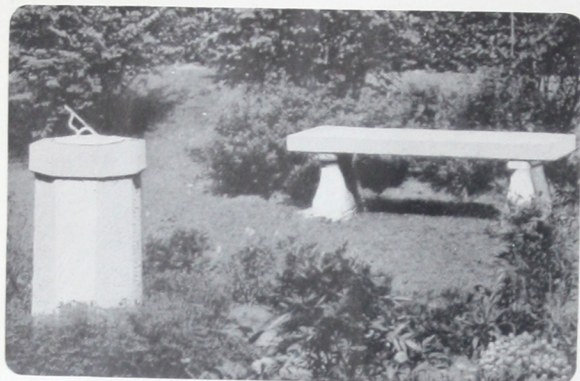
On the Farm

Concrete plays an important part in farm construction today. This concrete farm construction should be protected with Medusa Paint. Barns of all kinds, silos, watering troughs, poultry houses, milk houses, and machinery buildings (and concrete fence posts), if constructed of concrete or masonry, should be protected by Medusa Paint both inside and out.

The farm house itself can advantageously use this paint in the basement, foundation exterior, chimney, or if a concrete block, brick or stucco house, the entire exterior as described in section on home uses on another page in this book.

For Concrete and Masonry—Interior or Exterior

Miscellaneous Uses for MEDUSA PORTLAND CEMENT PAINT



There is no end to the hundreds of uses for Medusa Portland Cement Paint. In addition to its many uses in the industrial field, in the home, railroad work, etc., any concrete or unglazed masonry, regardless of where or how used, should be protected, damp-proofed and made more attractive with this paint.

For example, filling stations that want to keep their places looking clean and bright use Medusa Paint for concrete curbs, pump bases, light standards and foundations. Manufacturers of concrete burial vaults use Medusa Portland Cement Paint both inside and outside of their vaults.



Many cities and towns having concrete street lighting standards use Medusa Paint to keep them bright and attractive and to protect them against deterioration.

Concrete Products

In the concrete products field, manufacturers of concrete blocks, concrete brick, tile and other products are using cement paint to give both protection and color to their products. It is advisable to apply Medusa Cement Paint after the unit has been laid up as it will give protection to the joints as well as the block and be much more attractive.

Smokestacks, tunnels, garden furniture, bird baths, clothes posts, fence posts, water tanks and trim stone are other uses for Medusa Portland Cement Paint.



Where to Get Medusa Portland Cement Paint

Medusa Portland Cement Paint can be purchased from building supply dealers, paint stores, hardware stores, and mill supply houses. If it is not available in your community, please write us direct and we will see that your dealer gets it for you.

For Concrete and Masonry—Interior or Exterior

Directions for using ~ MEDUSA PORTLAND CEMENT PAINT

Preparation of Surface

Clean off all dirt and dust and any whitish efflorescence that may be present. The Paint will not stay where efflorescence has not been removed.

The surface should then be wet down with water—this prevents the porous wall from sucking the water out of the paint before it has had a chance to harden—and gives an easy flow to the paint, eliminating the drag of a dry surface. On exposed surfaces, especially in dry, hot weather, special care should be used in thoroughly wetting the surface. This can be done with a hose at little cost or effort.

Covering Capacity

Dependent upon the surface to be painted, ten pounds of paint will cover from 200 to 350 square feet of surface, one coat.

Mixing

First Coat—Use five quarts of water with 10 pounds of paint—add the paint slowly while stirring the water. This will prevent the forming of lumps.

Second Coat—Same as above, except that four quarts of water should be used with 10 pounds of paint. Be sure and wet the first coat before applying the second.

A thinner paint is recommended for the first coat so that it can work its way into the cracks and surface pores and seal them, preparing a good base for the second coat.

The second coat can be applied the day following the application of the first coat.

Where only one coat is to be applied, $3\frac{1}{2}$ to 4 quarts of water should be used to 10 pounds of paint. Where a particularly heavy coat of paint is desired, simply reduce the amount of water recommended.

Each coat should be wet down as soon as it has hardened sufficiently so as not to damage the paint.

How to Apply

Apply with Dutch brush or spray, hand or power operated. When spray is used, mechanical agitation is necessary. When a brush is used, employ a horizontal sweeping motion, keeping

the brush full of paint. Stir the paint with the brush each time it is dipped—this prevents settling of the paint.

Because Medusa Cement Paint is very easy to apply and flows freely from the brush, eliminating the drag, the use of a spray is necessary only on large operations. We will gladly supply specifications for applying with a spray.

Cracks

Make a paste with the paint, tinting it to match the color of the surface to be painted and fill the crack. If this is done, the cracks will be hardly visible. Where only small cracks are encountered, work the paint in with the brush.

Packages

Medusa Portland Cement Paint is manufactured in white and six colors and is furnished in 10 pound pails; 50 pound steel cans and 350 pound steel drums—all having large friction covers.

Cautions

Prior to applying Medusa Portland Cement Paint to walls and floors of old concrete swimming pools, the concrete surfaces must be washed with a strong solution of muriatic acid and water (1:10 or 1:15) to remove the film of body oils and grease absorbed by the concrete. After acid ceases foaming, the surfaces must be thoroughly washed with clear water to remove all of the acid solution.

If the surface has been previously white-washed or kalsomined, or covered with cold-water paint, it will be necessary to remove the old finish before applying the Medusa Portland Cement Paint.

Medusa Portland Cement Paint will not bond permanently to a non-absorbent surface such as enameled brick, vitrified or glazed brick, or hard-burned, non-porous tile, or magnesite stucco.

Do not apply Medusa Portland Cement Paint during freezing weather.

Do not apply Medusa Portland Cement Paint over previously painted masonry without getting special directions.

Do not apply Medusa Portland Cement Paint to concrete floors, except floors of swimming or wading pools.

For Concrete and Masonry—Interior or Exterior

A questionnaire on MEDUSA PORTLAND CEMENT PAINT

Q. What is Medusa Portland Cement Paint?

ANS:---A dry powder mixed with water. It has a Portland Cement base.

Q. Where can it be applied?

ANS:---All concrete and masonry surfaces, interior or exterior—except vitrified or glazed surfaces, floors and magnesite stucco.

Q. What treatment of the surface is necessary before applying Medusa Portland Cement Paint?

ANS:---None, provided the surface has never been painted. In case of previously painted surfaces, the old paint should be removed. We are prepared to furnish specifications for this operation.

Q. How is Medusa Portland Cement Paint applied?

ANS:---With a Dutch or whitewash brush, or it can be sprayed on. Exposed or highly porous surfaces should be wet down with water to uniform the suction before painting.

Q. Why is Medusa Portland Cement Paint different from oil paints?

ANS:---The chemical reaction of lime and alkalies destroys oil paints quickly, especially if they come in contact with moisture. Having the same base as the surface to which it is applied, Medusa Portland Cement Paint makes a natural bonding, becoming a part of the wall, and is unaffected by these natural conditions.

Q. Does moisture in the surface affect Medusa Portland Cement Paint?

ANS:---NO. It is really an advantage.

Q. Why should it be used on exterior masonry surfaces?

ANS:---To prevent the penetration of moisture and retard the disintegrating effect of the freezing and thawing of the moisture, eliminating costly maintenance.

Q. Why should it be used on interior walls?

ANS:---For decoration, lighting and moisture resisting. It gives a washable surface.

Q. How does Medusa Portland Cement Paint compare with other paints in cost?

ANS:---Considerably less than even the cheapest oil paints.

Q. What is the most outstanding feature of Medusa Portland Cement Paint?

ANS:---It can be applied to wet or fresh concrete and masonry surfaces without the expensive application of neutralizing agents. The large coverage and ease of application make it very inexpensive, and it does not require frequent renewals.

MEDUSA PORTLAND CEMENT COMPANY

1002 Engineers Building, Cleveland, Ohio

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For Concrete and Masonry—Interior or Exterior

